

# Yoshinori Yamamoto

## List of Publications by Year in descending order

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852  
papers

45,652  
citations

2440

100  
h-index

5739

167  
g-index

1108  
all docs

1108  
docs citations

1108  
times ranked

19821  
citing authors

#	ARTICLE	IF	CITATIONS
1	Selective reactions using allylic metals. <i>Chemical Reviews</i> , 1993, 93, 2207-2293.	23.0	1,561
2	Transition-Metal-Catalyzed Reactions in Heterocyclic Synthesis. <i>Chemical Reviews</i> , 2004, 104, 2127-2198.	23.0	1,438
3	Coinage Metal-Assisted Synthesis of Heterocycles. <i>Chemical Reviews</i> , 2008, 108, 3395-3442.	23.0	1,111
4	Recent Advances in the Transition-Metal-Catalyzed Regioselective Approaches to Polysubstituted Benzene Derivatives. <i>Chemical Reviews</i> , 2000, 100, 2901-2916.	23.0	1,064
5	Atomic origins of the high catalytic activity of nanoporous gold. <i>Nature Materials</i> , 2012, 11, 775-780.	13.3	803
6	AuCl <sub>3</sub> -Catalyzed Benzannulation: Synthesis of Naphthyl Ketone Derivatives from <i>o</i> -Alkynylbenzaldehydes with Alkynes. <i>Journal of the American Chemical Society</i> , 2002, 124, 12650-12651.	6.6	418
7	Lewis Acid-Catalyzed Benzannulation via Unprecedented [4+2] Cycloaddition of <i>o</i> -Alkynyl(oxo)benzenes and Enynals with Alkynes. <i>Journal of the American Chemical Society</i> , 2003, 125, 10921-10925.	6.6	380
8	From $\sigma$ - to $\pi$ -Electrophilic Lewis Acids. Application to Selective Organic Transformations. <i>Journal of Organic Chemistry</i> , 2007, 72, 7817-7831.	1.7	378
9	Transition Metal-Catalyzed Reactions of Methylene-cyclopropanes. <i>Advanced Synthesis and Catalysis</i> , 2002, 344, 111.	2.1	345
10	Acyclic stereocontrol via allylic organometallic compounds. <i>Accounts of Chemical Research</i> , 1987, 20, 243-249.	7.6	331
11	Pd(II) Acts Simultaneously as a Lewis Acid and as a Transition-Metal Catalyst: Synthesis of Cyclic Alkenyl Ethers from Acetylenic Aldehydes. <i>Journal of the American Chemical Society</i> , 2002, 124, 764-765.	6.6	321
12	A Novel B(C <sub>6</sub> F <sub>5</sub> ) <sub>3</sub> -Catalyzed Reduction of Alcohols and Cleavage of Aryl and Alkyl Ethers with Hydrosilanes. <i>Journal of Organic Chemistry</i> , 2000, 65, 6179-6186.	1.7	315
13	Gold-Catalyzed Intramolecular Carbothiolation of Alkynes: Synthesis of 2,3-Disubstituted Benzothiophenes from ( <i>i</i> -Alkoxy Alkyl) ( <i>ortho</i> -Alkynyl Phenyl) Sulfides. <i>Angewandte Chemie - International Edition</i> , 2006, 45, 4473-4475.	7.2	307
14	Copper- or Phosphine-Catalyzed Reaction of Alkynes with Isocyanides. Regioselective Synthesis of Substituted Pyrroles Controlled by the Catalyst. <i>Journal of the American Chemical Society</i> , 2005, 127, 9260-9266.	6.6	299
15	Alkyne activation with Brønsted acids, iodine, or gold complexes, and its fate leading to synthetic application. <i>Chemical Communications</i> , 2009, , 5075.	2.2	290
16	AuBr <sub>3</sub> -Catalyzed [4 + 2] Benzannulation between an Enynal Unit and Enol. <i>Journal of the American Chemical Society</i> , 2004, 126, 7458-7459.	6.6	268
17	Selective Synthesis by Use of Lewis Acids in the Presence of Organocopper and Related Reagents. <i>New Synthetic Methods (61)</i> . <i>Angewandte Chemie International Edition in English</i> , 1986, 25, 947-959.	4.4	259
18	Gold-Catalyzed Intermolecular Hydroamination of Allenes with Arylamines and Resulting High Chirality Transfer. <i>Angewandte Chemie - International Edition</i> , 2006, 45, 3314-3317.	7.2	252

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19	Lewis acid mediated reactions of organocopper reagents. Entrainment in the conjugate addition to $\alpha,\beta$ -unsaturated ketones, esters, and acids via the $\text{RCu}\cdot\text{BF}_3$ system. <i>Journal of Organic Chemistry</i> , 1982, 47, 119-126.	1.7	240
20	Palladium-Catalyzed Intramolecular Asymmetric Hydroamination of Alkynes. <i>Journal of the American Chemical Society</i> , 2004, 126, 1622-1623.	6.6	234
21	Synthesis of 2,3-Disubstituted Benzofurans by Platinum $\pi$ -Olefin-Catalyzed Carboalkoxylation of $\alpha$ -Alkynylphenyl Acetals. <i>Journal of the American Chemical Society</i> , 2005, 127, 15022-15023.	6.6	232
22	Palladium- and Platinum-Catalyzed Addition of Aldehydes and Imines with Allylstannanes. Chemoselective Allylation of Imines in the Presence of Aldehydes. <i>Journal of the American Chemical Society</i> , 1996, 118, 6641-6647.	6.6	230
23	Palladium catalyzed pronucleophile addition to unactivated carbon-carbon multiple bonds. <i>Chemical Society Reviews</i> , 1999, 28, 199-207.	18.7	226
24	Erythro-selective addition of crotyltrialkyltins to aldehydes regardless of the geometry of the crotyl unit. Stereoselection independent of the stereochemistry of precursors. <i>Journal of the American Chemical Society</i> , 1980, 102, 7107-7109.	6.6	221
25	Gold- and Indium-Catalyzed Synthesis of 3- and 6-Sulfonylindoles from $\alpha$ -Alkynyl-N-sulfonylanilines. <i>Angewandte Chemie - International Edition</i> , 2007, 46, 2284-2287.	7.2	219
26	Intramolecular C-N Bond Addition of Amides to Alkynes Using Platinum Catalyst. <i>Journal of the American Chemical Society</i> , 2004, 126, 10546-10547.	6.6	216
27	Nanostructured Materials as Catalysts: Nanoporous Gold-Catalyzed Oxidation of Organosilanes with Water. <i>Angewandte Chemie - International Edition</i> , 2010, 49, 10093-10095.	7.2	215
28	Direct Mannich and Nitro-Mannich Reactions with Non-Activated Imines: AgOTf-Catalyzed Addition of Pronucleophiles to $\alpha$ -Alkynyl Aldimines Leading to 1,2-Dihydroisoquinolines. <i>Angewandte Chemie - International Edition</i> , 2005, 44, 5526-5528.	7.2	212
29	Nanoporous Gold Catalyst for Highly Selective Semihydrogenation of Alkynes: Remarkable Effect of Amine Additives. <i>Journal of the American Chemical Society</i> , 2012, 134, 17536-17542.	6.6	201
30	Catalytic Asymmetric Allylation of Imines via Chiral Bis-allylpalladium Complexes. <i>Journal of the American Chemical Society</i> , 1998, 120, 4242-4243.	6.6	198
31	Palladium-Catalyzed Controlled Carbopalladation of Benzyne. <i>Journal of the American Chemical Society</i> , 2000, 122, 7280-7286.	6.6	198
32	A novel reduction of alcohols and ethers with a $\text{HSiEt}_3$ catalytic $\text{B}(\text{C}_6\text{F}_5)_3$ system. <i>Tetrahedron Letters</i> , 1999, 40, 8919-8922.	0.7	197
33	Cu(I) Catalyst in DMF: An Efficient Catalytic System for the Synthesis of Furans from 2-(1-Alkynyl)-2-alken-1-ones. <i>Journal of Organic Chemistry</i> , 2005, 70, 4531-4534.	1.7	197
34	Functionalized 1,2-Dihydronaphthalenes from the $\text{Cu}(\text{OTf})_2$ -Catalyzed [4+2] Cycloaddition of $\alpha$ -Alkynyl(oxo)benzenes with Alkenes. <i>Angewandte Chemie - International Edition</i> , 2003, 42, 3504-3506.	7.2	190
35	Iodine-Mediated Electrophilic Cyclization of 2-Alkynyl-1-methylene Azide Aromatics Leading to Highly Substituted Isoquinolines and Its Application to the Synthesis of Norcheleerythrine. <i>Journal of the American Chemical Society</i> , 2008, 130, 15720-15725.	6.6	186
36	Synthesis of Triazoles from Nonactivated Terminal Alkynes via the Three-Component Coupling Reaction Using a $\text{Pd}(0)\text{-Cu}(I)$ Bimetallic Catalyst. <i>Journal of the American Chemical Society</i> , 2003, 125, 7786-7787.	6.6	185

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37	AuBr <sub>3</sub> - and Cu(OTf) <sub>2</sub> -Catalyzed Intramolecular [4 + 2] Cycloaddition of Tethered Alkynyl and Alkenyl Enynones and Enynals: A New Synthetic Method for Functionalized Polycyclic Hydrocarbons. <i>Journal of Organic Chemistry</i> , 2005, 70, 3682-3685.	1.7	183
38	Very high 1,2- and 1,3-asymmetric induction in the reactions of allylic boron compounds with chiral imines. <i>Journal of the American Chemical Society</i> , 1986, 108, 7778-7786.	6.6	179
39	Copper-catalyzed synthesis of 5-substituted 1H-tetrazoles via the [3+2] cycloaddition of nitriles and trimethylsilyl azide. <i>Tetrahedron Letters</i> , 2008, 49, 2824-2827.	0.7	179
40	Stereo- and regiocontrol of acyclic systems via the Lewis acid mediated reaction of allylic stannanes with aldehydes. <i>Tetrahedron</i> , 1984, 40, 2239-2246.	1.0	176
41	Synthesis of Imidazoles through the Copper-Catalyzed Cross-Cycloaddition between Two Different Isocyanides. <i>Journal of the American Chemical Society</i> , 2006, 128, 10662-10663.	6.6	176
42	Gold nanoparticle (AuNPs) and gold nanopore (AuNPore) catalysts in organic synthesis. <i>Organic and Biomolecular Chemistry</i> , 2014, 12, 2005.	1.5	174
43	Organometallic Compounds for Stereoregulated Synthesis of Acyclic Systems. Their Application to the Synthesis of the Prelog-Djerassi Lactonic Acid. <i>Heterocycles</i> , 1982, 18, 357.	0.4	174
44	A Direct Reduction of Aliphatic Aldehyde, Acyl Chloride, Ester, and Carboxylic Functions into a Methyl Group. <i>Journal of Organic Chemistry</i> , 2001, 66, 1672-1675.	1.7	172
45	Copper-Catalyzed Synthesis of N-Unsubstituted 1,2,3-Triazoles from Nonactivated Terminal Alkynes. <i>European Journal of Organic Chemistry</i> , 2004, 2004, 3789-3791.	1.2	162
46	Synthesis of 1,3,4-Trisubstituted Isoquinolines by Iodine-Mediated Electrophilic Cyclization of 2-Alkynyl Benzyl Azides. <i>Angewandte Chemie - International Edition</i> , 2007, 46, 4764-4766.	7.2	160
47	A highly stereoselective synthesis of (E)-alkene dipeptide isosteres via organocyanocopper-Lewis acid mediation reaction. <i>Journal of Organic Chemistry</i> , 1991, 56, 4370-4382.	1.7	155
48	RCu.BF <sub>3</sub> . 3. Conjugate addition to previously unreactive substituted enoate esters and enoic acids. <i>Journal of the American Chemical Society</i> , 1978, 100, 3240-3241.	6.6	154
49	Palladium-Catalyzed Intramolecular Asymmetric Hydroamination, Hydroalkoxylation, and Hydrocarbonation of Alkynes. <i>Journal of Organic Chemistry</i> , 2006, 71, 4270-4279.	1.7	154
50	Palladium/Benzoic Acid Catalyzed Hydroamination of Alkynes. <i>Journal of Organic Chemistry</i> , 1999, 64, 4570-4571.	1.7	153
51	Palladium-Catalyzed Intermolecular Controlled Insertion of Benzyne-Benzyne-Alkene and Benzyne-Alkyne-Alkene Synthesis of Phenanthrene and Naphthalene Derivatives. <i>Angewandte Chemie - International Edition</i> , 2000, 39, 173-175.	7.2	152
52	An Efficient, Facile, and General Synthesis of 1H-Indazoles by 1,3-Dipolar Cycloaddition of Arynes with Diazomethane Derivatives. <i>Angewandte Chemie - International Edition</i> , 2007, 46, 3323-3325.	7.2	152
53	Introduction: Coinage Metals in Organic Synthesis. <i>Chemical Reviews</i> , 2008, 108, 2793-2795.	23.0	152
54	Synthesis of Cyclic Alkenyl Ethers via Intramolecular Cyclization of O-Alkynylbenzaldehydes. Importance of Combination between CuI Catalyst and DMF. <i>Journal of Organic Chemistry</i> , 2004, 69, 5139-5142.	1.7	151

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55	Palladium-Catalyzed Addition of Activated Methylene and Methyne Compounds to Allenes. <i>Journal of the American Chemical Society</i> , 1994, 116, 6019-6020.	6.6	150
56	Nickel-Mediated Regio- and Chemoselective Carboxylation of Alkynes in the Presence of Carbon Dioxide. <i>Journal of Organic Chemistry</i> , 1999, 64, 3975-3978.	1.7	147
57	Facile Allylative Dearomatization Catalyzed by Palladium. <i>Journal of the American Chemical Society</i> , 2001, 123, 759-760.	6.6	147
58	Gold-Catalyzed Cyclization of ( <i>ortho</i> -Alkynylphenylthio)silanes: Intramolecular Capture of the Vinyl <sup>+</sup> Au Intermediate by the Silicon Electrophile. <i>Organic Letters</i> , 2007, 9, 4081-4083.	2.4	144
59	Gold-Catalyzed Intramolecular Carbocyclization of Alkynyl Ketones Leading to Highly Substituted Cyclic Enones. <i>Organic Letters</i> , 2007, 9, 5259-5262.	2.4	144
60	Metal-Catalyzed Annulation Reactions for $\pi$ -Conjugated Polycycles. <i>Chemistry - A European Journal</i> , 2014, 20, 3554-3576.	1.7	144
61	Indole Synthesis via Palladium-Catalyzed Intramolecular Cyclization of Alkynes and Imines. <i>Journal of the American Chemical Society</i> , 2000, 122, 5662-5663.	6.6	143
62	Metal-mediated synthesis of furans and pyrroles. <i>Arkivoc</i> , 2007, 2007, 121-141.	0.3	142
63	Lewis Acid Catalyzed Highly Regio- and Stereocontrolled Trans-Hydrosilylation of Alkynes and Allenes. <i>Journal of Organic Chemistry</i> , 1999, 64, 2494-2499.	1.7	141
64	Synthesis of Allyl Cyanamides and N-Cyanoindoles via the Palladium-Catalyzed Three-Component Coupling Reaction. <i>Journal of the American Chemical Society</i> , 2002, 124, 11940-11945.	6.6	141
65	Intramolecular Nucleophilic Addition of Vinylpalladiums to Aryl Ketones. <i>Journal of the American Chemical Society</i> , 1999, 121, 3545-3546.	6.6	137
66	Gold-Catalyzed Synthesis of Polycyclic Enones from Carbon Tethered 1,3-Enynyl Carbonyls via Tandem Heteroenyne Metathesis and Nazarov Reaction. <i>Organic Letters</i> , 2008, 10, 3137-3139.	2.4	137
67	Formation and properties of Au-based nanograined metallic glasses. <i>Acta Materialia</i> , 2011, 59, 6433-6440.	3.8	136
68	Convenient Synthesis of Benzothiazoles and Benzimidazoles through Brønsted Acid Catalyzed Cyclization of 2-Amino Thiophenols/Anilines with $\beta^2$ -Diketones. <i>Organic Letters</i> , 2014, 16, 764-767.	2.4	135
69	Chiral $\eta^3$ -Allylpalladium-Catalyzed Asymmetric Allylation of Imines: Replacement of Allylstannanes by Allylsilanes. <i>Journal of Organic Chemistry</i> , 1999, 64, 2614-2615.	1.7	134
70	Chiral Bis- $\eta^3$ -allylpalladium Complex Catalyzed Asymmetric Allylation of Imines: Enhancement of the Enantioselectivity and Chemical Yield in the Presence of Water. <i>Journal of the American Chemical Society</i> , 2003, 125, 14133-14139.	6.6	131
71	A Method for the Synthesis of Substituted Quinolines via Electrophilic Cyclization of 1-Azido-2-(2-propynyl)benzene. <i>Journal of Organic Chemistry</i> , 2010, 75, 1266-1270.	1.7	131
72	A new method for the synthesis of nitrogen heterocycles via palladium catalyzed intramolecular hydroamination of allenenes. <i>Tetrahedron Letters</i> , 1998, 39, 5421-5424.	0.7	129

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73	Chirality Transfer in Gold-Catalyzed Carbothiolation of <i>o</i> -Alkynylphenyl 1-Arylethyl Sulfides. <i>Organic Letters</i> , 2008, 10, 2649-2651.	2.4	129
74	Lewis Acid-Catalyzed <i>trans</i> -Hydrosilylation of Alkynes. <i>Journal of Organic Chemistry</i> , 1996, 61, 7654-7655.	1.7	127
75	Palladium/Acetic Acid Catalyzed Allylation of Some Pronucleophiles with Simple Alkynes. <i>Journal of the American Chemical Society</i> , 1998, 120, 10262-10263.	6.6	126
76	Synthesis of indenols and indanones via catalytic cyclic vinylpalladation of aromatic aldehydes. <i>Tetrahedron Letters</i> , 1999, 40, 4089-4092.	0.7	126
77	The two component palladium catalyst system for intermolecular hydroamination of allenes. <i>Tetrahedron Letters</i> , 1997, 38, 6071-6074.	0.7	125
78	Studies on the reaction of $\lambda^5$ -imino esters with organometallic compounds. <i>Tetrahedron</i> , 1988, 44, 5415-5423.	1.0	124
79	A New Palladium-Catalyzed Benzannulation of Conjugated Enynes. <i>Journal of the American Chemical Society</i> , 1996, 118, 3970-3971.	6.6	122
80	Fabrication of Pd-Ni-P Metallic Glass Nanoparticles and Their Application as Highly Durable Catalysts in Methanol Electro-oxidation. <i>Chemistry of Materials</i> , 2014, 26, 1056-1061.	3.2	121
81	Ring Opening in the Palladium-Catalyzed Hydrocarboxylation of Methylene-cyclopropanes with Pronucleophiles. <i>Journal of the American Chemical Society</i> , 1997, 119, 8123-8124.	6.6	120
82	Total Synthesis of Gambierol. <i>Journal of the American Chemical Society</i> , 2003, 125, 46-47.	6.6	120
83	Efficient Method for Synthesis of Angucyclinone Antibiotics via Gold-Catalyzed Intramolecular [4 + 2] Benzannulation: An Enantioselective Total Synthesis of (+)-Ochromycinone and (+)-Rubiginone B2. <i>Journal of Organic Chemistry</i> , 2005, 70, 8977-8981.	1.7	120
84	Zirconium enolate as a new erythro-selective aldol condensation reagent. <i>Tetrahedron Letters</i> , 1980, 21, 4607-4610.	0.7	115
85	Synthesis of 1-substituted tetrazoles via the acid-catalyzed [3+2] cycloaddition between isocyanides and trimethylsilyl azide. <i>Tetrahedron Letters</i> , 2004, 45, 9435-9437.	0.7	115
86	Palladium catalyzed co-trimerization of benzyne with alkynes. A facile method for the synthesis of phenanthrene derivatives. <i>Tetrahedron Letters</i> , 1999, 40, 7533-7535.	0.7	113
87	A Bimetallic Catalyst and Dual Role Catalyst: Synthesis of <i>N</i> -(Alkoxy-carbonyl)indoles from 2-(Alkynyl)phenylisocyanates. <i>Journal of Organic Chemistry</i> , 2003, 68, 4764-4771.	1.7	113
88	Carbon-Carbon Bond Cleavage of Diynes through the Hydroamination with Transition Metal Catalysts. <i>Journal of the American Chemical Society</i> , 2003, 125, 6646-6647.	6.6	112
89	Catalytic Amphiphilic Allylation via Bis-allylpalladium Complexes and Its Application to the Synthesis of Medium-Sized Carbocycles. <i>Journal of the American Chemical Society</i> , 2001, 123, 372-377.	6.6	110
90	AuBr <sub>3</sub> -catalyzed cyclization of <i>o</i> -(alkynyl)nitrobenzenes. Efficient synthesis of isotogens and anthranils. <i>Tetrahedron Letters</i> , 2003, 44, 5675-5677.	0.7	109

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91	Lewis acid mediated reactions of organocopper reagents. A remarkably enhanced regioselective $\gamma$ -attack of allylic halides and direct alkylation of allylic alcohols via RCu $\cdot$ BF <sub>3</sub> system. <i>Journal of the American Chemical Society</i> , 1980, 102, 2318-2325.	6.6	108
92	A new procedure for the stereoselective synthesis of (Z)-2-alkenylsilanes and -tins and their application to erythro-selective synthesis of $\beta$ -alkyl alcohol derivatives. <i>Journal of the American Chemical Society</i> , 1980, 102, 4548-4550.	6.6	108
93	Nonlinear optical properties of novel carborane-ferrocene conjugated dyads. Electron-withdrawing characteristics of carboranes. <i>Journal of Materials Chemistry</i> , 2002, 12, 2701-2705.	6.7	108
94	PtBr <sub>2</sub> -Catalyzed Transformation of Allyl(o-ethynylaryl)carbinol Derivatives into Functionalized Indenes. Formal sp <sup>3</sup> C-H Bond Activation. <i>Journal of Organic Chemistry</i> , 2006, 71, 6204-6210.	1.7	108
95	Diastereoselectivity of the conjugate addition of organocopper reagents to $\gamma$ -alkoxy $\alpha,\beta$ -unsaturated carbonyl derivatives. Importance of the reagent type and the double-bond geometry. <i>Journal of the American Chemical Society</i> , 1992, 114, 7652-7660.	6.6	106
96	Gold-catalyzed intramolecular hydroamination of allenes: a case of chirality transfer. <i>Tetrahedron Letters</i> , 2006, 47, 4749-4751.	0.7	106
97	Catalytic Cyclization of $\alpha$ -Alkynylbenzaldehyde Acetals and Thioacetals. Unprecedented Activation of the Platinum Catalyst by Olefins. Scope and Mechanism of the Reaction. <i>Journal of the American Chemical Society</i> , 2004, 126, 15423-15430.	6.6	105
98	Click Chemistry of Alkyne-Azide Cycloaddition using Nanostructured Copper Catalysts. <i>ChemCatChem</i> , 2012, 4, 1217-1229.	1.8	105
99	Novel [3+2] Cycloaddition of Alkyldienecyclopropanes with Aldehydes Catalyzed by Palladium. <i>Angewandte Chemie - International Edition</i> , 2001, 40, 1298-1300.	7.2	104
100	Recent Progress in the Catalytic Synthesis of Imidazoles. <i>Chemistry - an Asian Journal</i> , 2007, 2, 568-578.	1.7	103
101	New method for the synthesis of boron-10 containing nucleoside derivatives for neutron-capture therapy via palladium-catalyzed reaction. <i>Journal of Organic Chemistry</i> , 1989, 54, 4734-4736.	1.7	102
102	A Thermodynamic Preference of Chiral N-Methanesulfonyl and N-Arenesulfonyl 2,3-cis-3-Alkyl-2-Vinylaziridines over Their 2,3-Trans-Isomers: A Useful Palladium(0)-Catalyzed Equilibration Reactions for the Synthesis of (E)-Alkene Dipeptide Isosteres. <i>Journal of Organic Chemistry</i> , 1997, 62, 999-1015.	1.7	101
103	A One-Pot Procedure for the Regiocontrolled Synthesis of Allyltriazaoles via the Pd-Cu Bimetallic Catalyzed Three-Component Coupling Reaction of Nonactivated Terminal Alkynes, Allyl Carbonate, and Trimethylsilyl Azide. <i>Journal of Organic Chemistry</i> , 2004, 69, 2386-2393.	1.7	101
104	Remarkable Catalytic Property of Nanoporous Gold on Activation of Diborons for Direct Diboration of Alkynes. <i>Organic Letters</i> , 2013, 15, 5766-5769.	2.4	101
105	Amphiphilic Catalytic Allylating Reagent, Bis- $\eta$ -allylpalladium Complex. <i>Journal of the American Chemical Society</i> , 1997, 119, 8113-8114.	6.6	100
106	Palladium-Catalyzed Regioselective [3 + 2] Cycloaddition of Vinylic Oxiranes with Activated Olefins. A Facile Synthesis of Tetrahydrofuran Derivatives. <i>Journal of Organic Chemistry</i> , 1998, 63, 3067-3071.	1.7	100
107	Diastereofacial selectivity in the reaction of allylic organometallic compounds with imines. Stereoelectronic effect of imine group. <i>Journal of Organic Chemistry</i> , 1985, 50, 3115-3121.	1.7	99
108	Palladium-Catalyzed Hydrocarboxylation of Allenes. <i>Journal of the American Chemical Society</i> , 1998, 120, 3809-3810.	6.6	99

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109	Unsupported Nanoporous Gold Catalyst for Highly Selective Hydrogenation of Quinolines. <i>Organic Letters</i> , 2013, 15, 1484-1487.	2.4	99
110	Ytterbium triflate and high pressure-mediated ring opening of epoxides with amines. <i>Journal of the Chemical Society Perkin Transactions 1</i> , 1994, , 2597.	0.9	98
111	Palladium-Catalyzed Highly Chemo- and Regioselective Formal [2 + 2 + 2] Sequential Cycloaddition of Alkynes: A Renaissance of the Well Known Trimerization Reaction? <i>Journal of Organic Chemistry</i> , 2001, 66, 2835-2841.	1.7	98
112	The First Catalytic Asymmetric Allylation of Imines with the Tetraallylsilane-TBAF-MeOH System, Using the Chiral Bis-allylpalladium Complex. <i>Journal of Organic Chemistry</i> , 2004, 69, 735-738.	1.7	98
113	Gold-catalyzed hydrofunctionalization of allenes with nitrogen and oxygen nucleophiles and its mechanistic insight. <i>Tetrahedron</i> , 2009, 65, 1799-1808.	1.0	98
114	Palladium/benzoic acid-catalyzed hydroalkoxylation of alkynes. <i>Tetrahedron Letters</i> , 2001, 42, 6207-6210.	0.7	97
115	The Fate of Bis( $\eta$ -3-allyl)palladium Complexes in the Presence of Aldehydes (or Imines) and Allylic Chlorides: Stille Coupling versus Allylation of Aldehydes (or Imines). <i>Angewandte Chemie - International Edition</i> , 2001, 40, 3208-3210.	7.2	96
116	Convergent Total Syntheses of Gambierol and 16-epi-Gambierol and Their Biological Activities. <i>Journal of the American Chemical Society</i> , 2003, 125, 11893-11899.	6.6	95
117	Carboxylic Acid-Catalyzed Highly Efficient and Selective Hydroboration of Alkynes with Pinacolborane. <i>Organic Letters</i> , 2014, 16, 4670-4673.	2.4	94
118	Ytterbium triflate catalyzed ring opening of aziridines with amines. <i>Tetrahedron Letters</i> , 1994, 35, 7395-7398.	0.7	92
119	Ring Opening in the Hydroamination of Methylene-cyclopropanes Catalyzed by Palladium. <i>Journal of Organic Chemistry</i> , 1998, 63, 6458-6459.	1.7	92
120	A New Pd <sub>2</sub> (μ <sub>2</sub> -η <sup>3</sup> -C <sub>3</sub> H <sub>5</sub> ) <sub>2</sub> (μ <sub>2</sub> -η <sup>3</sup> -C <sub>3</sub> H <sub>5</sub> ) <sub>2</sub> CuI Bimetallic Catalyst for the Synthesis of Indoles from Isocyanates and Allyl Carbonates. <i>Angewandte Chemie - International Edition</i> , 2002, 41, 3230-3233.	7.2	92
121	Domino allylation and cyclization of ortho-alkynylbenzaldehydes with allyltrimethylsilane catalyzed by Pd(II)-Cu(II) bimetallic systems. <i>Tetrahedron</i> , 2005, 61, 11322-11326.	1.0	92
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